



Lumada Empower Data Platform

Industry Solution: Engineering & Construction Firms.

The Empower Data Platform centralizes your AEC firm's data – from Procore and Autodesk, to SAP and Dynamics 365 – acting as your hub for app-to-app integration and reporting.

Empower ingests your business and industry-specific data via Lakehouse technology which makes it easy to build custom data models that feed Power BI reports to improve project performance, operational efficiency, customer experiences, forecasting, and more. Want to hit the ground running? Empower provides pre-built analytics capabilities so you can see impact in your business on day one.

Built on the foundation of Hitachi Solution's best practices and years of industry experience, the Empower Data Platform is designed to **accelerate your data strategy without the overhead of a large capital expense, or any compromises on the technical side.** Through deployment in your Azure tenant and deep automation, Empower provides an industry-specific solution that not only unlocks your teams but drives operational excellence.

Your Blueprint for Transformative Construction Insights

Fragmented data across various project management tools complicates your ability to have a comprehensive view of your project health. With a modern data estate, you can make better informed decisions on-the-fly.

Hitachi Solutions Empower Data Platform provides pre-built data models and visualizations which can be extended to many popular industry leading tools. Some of the AEC sources we support include:



Let's Build a Better Data Platform

Empower provides a streamlined method for rapidly centralizing your data sources onto a single cloud Lakehouse. All within a matter of days. Empower wrangles your varied data – supporting more than 200 sources – into your Azure tenant where it can be utilized across the organization. Our customers may be pursuing better project performance, **automating initial GenAI responses to customer RFPs**, or wiring data together for self-service exploration to answer tough questions.

Hitachi Solutions built the Empower Data Platform to offer customers a fully managed, subscription-based modern data estate. At its core, Empower's analytics and artificial intelligence models run on top of Delta Lake, a transaction-based open format. Empower uses scalable Databricks Spark technology to prepare data for analytical business insights in tools like Microsoft Power BI and Fabric.

We get you up and running in weeks at a fraction of the cost.

Project Management	Scheduling	BizApps	Low Code
<p>PROCORE</p> <p>AUTODESK Construction Cloud</p>	<p>P6 ORACLE</p> <p>P</p>	<p>SAP S/4 HANA</p> <p>ORACLE Cloud ERP</p> <p>Dynamics 365</p>	<p>quickbase</p> <p>smartsheet</p>

Real-World Applications for Industry Analytics

Once Empower Data Platform is up and running, your teams can leverage that sole source of near real-time data to get results like:

Unified Project View

- **Visualize Business Data:** Visualize Business Data: Turn intricate spreadsheet data into simplified, real-time dashboards, helping your team keep track of key performance indicators like schedules, costs, and risks.
- **Mobile Analytics Accessibility:** Empower your field teams with on-the-go data, facilitating immediate analysis and informed decisions right at the construction site.

Easily Understand Pages of Documentation

- Provide a chatbot to help **summarize pages of construction or product specifications.** Format large documents into a few easy to understand pages.
- Use your customer's RFP to **generate an initial sales proposal** based on your historical experience. Measure the speed and accuracy in your responses.
- Find key contractual terms to **find exceptions to policy** or areas of potential risk.

Streamline Data Entry and Operational Tasks

- Programmatically create projects across your disparate applications saving time and ensuring you have the right links for merging information.
- Provide field cost estimates back to Accounting and the ERP system ensuring accurate revenue recognition and profitability.
- Ensure data quality and consistency across applications to streamline processes.

Your Data, Transformed

Empower Data platform unifies your disparate data into a single source of truth your teams can leverage to improve:

Track Project Health

Gain insights by comparing the schedules, costs, and potential risks.

Improve Productivity

Reduce duplicate application entry, automate written responses.

Manage with Data

Becoming a data driven organization, building internal capabilities is a journey.



Talk to an Expert

Let's Get Started

Let's take a wrecking ball to the data silos standing in your way to clearer insights. Contact our team today to see how Lumada Empower Data Platform can bring your business to new heights.